

# Kaneka MUH M3202

Acrylonitrile Butadiene Styrene

Kaneka Corporation

Message:

Kaneka MUH M3202 is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America and is processed by injection molding. The main features of Kaneka MUH M3202 are:

- high liquidity
- Good processability
- Impact resistance
- Heat resistance

Typical application areas include:

- Electrical/electronic applications
- Automotive Industry

General Information			
Features	Impact resistance, good		
	Good formability		
	High liquidity		
	Heat resistance, high		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	45.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2250	MPa	ASTM D790
Flexural Strength	69.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.40 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648
Additional Information			
Spiral Flow, Kaneka Method, 482°F, 3 mm: 26 in			
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	

Rear Temperature	230 - 250	°C
Middle Temperature	230 - 250	°C
Front Temperature	230 - 250	°C
Processing (Melt) Temp	270	°C
Mold Temperature	50.0	°C

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Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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